FED. ROAD DIST. No.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	N. H.	209-A	1936	1	5

INDEX OF SHEETS

SHEET NO 1 TITLE PAGE
" " 2 TYPICAL SECTION OF IMPROVEMENT
" " 3 PLAN AND PROFILE
" " 4 CROSS SECTIONS
" " 5 STANDARDS

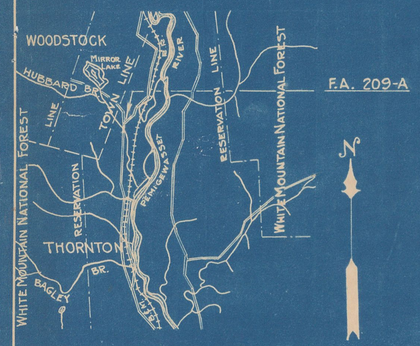
STATE OF NEW HAMPSHIRE

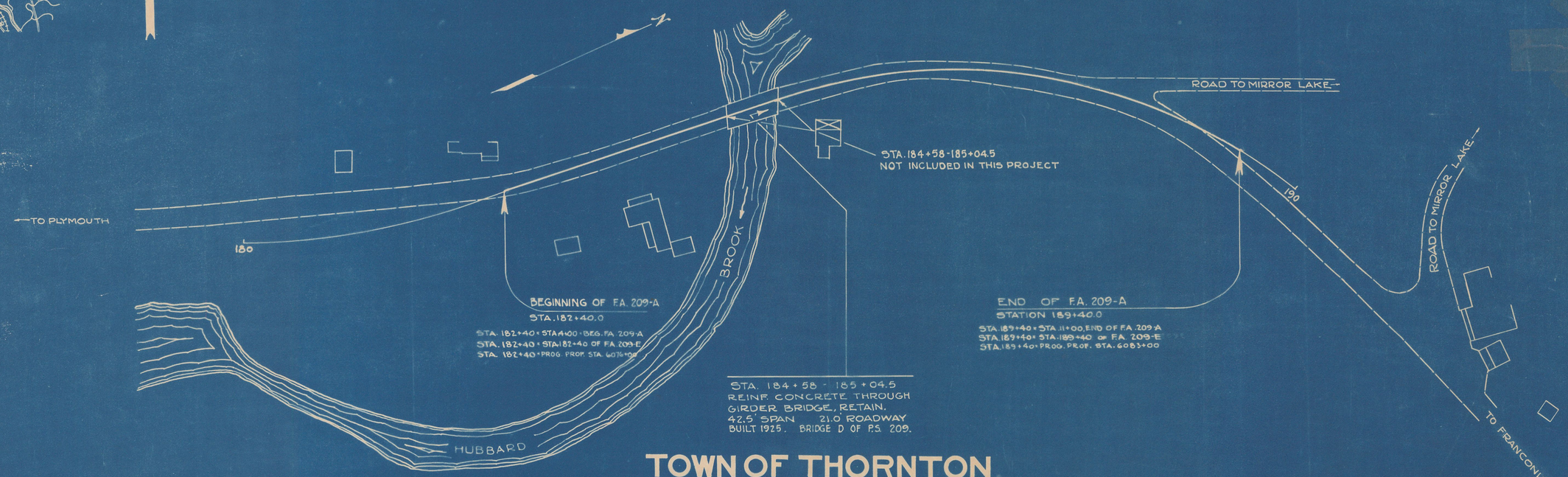
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
FEDERAL AID PROJECT
NO. 209-A ("E" job inset)
DANIEL WEBSTER
ROAD

SCALES { PLAN, 1" = 50'-0"
PROFILE, VERT: 1" = 10'-0" HOR: 1" = 50'-0"
CROSS SECTION, VERT: 1" = 5'-0" HOR: 1" = 5'-0"

NOTE. This project to be constructed in accordance with the May 1, 1935 standard specifications on file with the Bureau of Public Roads. and Special Provisions attached to Proposal.





TOWN OF THORNTON
GRAFTON COUNTY
LAYOUT
SCALE 1" = 50'

CONVENTIONAL SIGNS

TOWN LINE		SURVEY LINE	30
FENCE LINE		CULVERTS	
STONE WALL		POWER POLE	
GUARD RAIL		TELEPHONE POLE	
TRAVELED WAY		GROUND ELEVATION	DATUM LINE
RAILROADS		GRADE ELEVATION	DATUM LINE
...UNING WALL		MAN HOLE	
...FACED WALL		CATCH BASIN	C B
...AVED GUTTERS		WATER GATE	
		HYDRANT	HYD

APPROVED: H. E. Everett
HIGHWAY COMMISSIONER

RECOMMENDED FOR APPROVAL:

DISTRICT ENGINEER, BUREAU OF PUBLIC RO...

RECOMMENDED FOR APPROVAL:

CHIEF ENGINEER, BUREAU OF PUBLIC ROADS.

APPROVED:

DIRECTOR, BUREAU OF PUBLIC ROADS.

PI. = 179+73.9
Δ = 42° 12'
D = 9°
T = 245.7
L = 468.8
R = 637.27

ITEM #27 CABLE RAILING & ITEM #29 ANCHORAGES

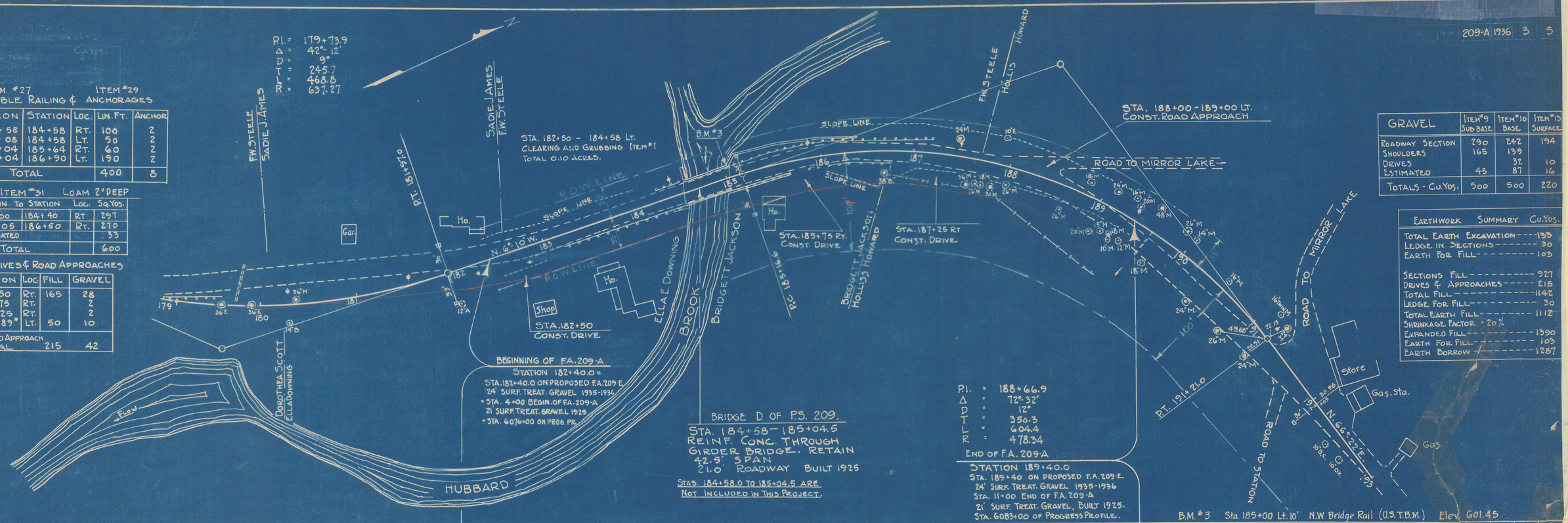
STATION	STATION	LOC.	LIN. FT.	ANCHOR
183+58	184+58	RT.	100	2
184+08	184+58	LT.	50	2
185+04	185+64	RT.	60	2
185+04	186+90	LT.	190	2
TOTAL			400	8

ITEM #31 LOAM 2" DEEP

STATION	TO STATION	LOC.	SQ. YDS.
183+00	184+40	RT	297
185+05	186+50	RT.	270
ESTIMATED			33
TOTAL			600

DRIVES & ROAD APPROACHES

STATION	LOC.	FILL	GRAVEL
182+50	RT.	165	28
185+75	RT.		2
187+25	RT.		2
188-189*	LT.	50	10
* ROAD APPROACH TOTAL		215	42



GRAVEL	ITEM #9 SUB-BASE	ITEM #10 BASE	ITEM #13 SURFACE
ROADWAY SECTION	290	242	194
SHOULDERS	165	139	
DRIVES		32	10
ESTIMATED	45	87	16
TOTALS - CU. YDS.	500	500	220

EARTHWORK SUMMARY	CU. YDS.
TOTAL EARTH EXCAVATION	133
LEDGE IN SECTIONS	30
EARTH FOR FILL	103
SECTIONS FILL	927
DRIVES & APPROACHES	215
TOTAL FILL	1142
LEDGE FOR FILL	30
TOTAL EARTH FILL	1112
SHRINKAGE FACTOR = 20%	
EXPANDED FILL	1390
EARTH FOR FILL	103
EARTH BORROW	1287

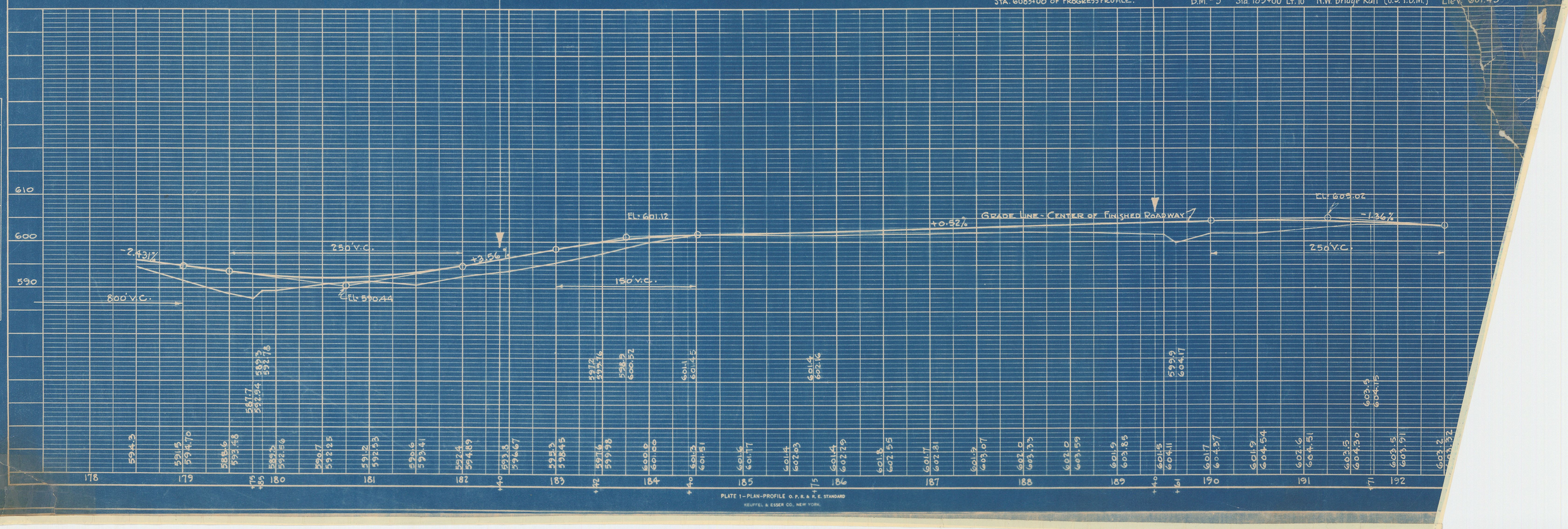


PLATE 1 - PLAN-PROFILE O. P. R. R. & R. E. STANDARD
KEUFFEL & ESSER CO. NEW YORK

PLAN	BY	DATE
SURVEYED	SLEEPER	4-35
PLOTTED		
NOTE BOOK	ALIGNMENT CHECKED	GRAGES
NO. 2207	RT.-OF-WAY CHECKED	

PROFILE	BY	DATE
SURVEYED	SLEEPER	4-35
PLOTTED	McGRATH	
	GREEN	
NOTE BOOK	B.M.'S CHECKED	GREEN Jr
NO. 2224	B.M.'S NOTED	GREEN
	STRUCTURE NOTATIONS CH'KD.	WARREN Sr.